



Industrial/Commercial Division
Fulton Heating Solutions, Inc.

Product Data Submittal

Fulton Model: VTG-4000

Fulton VANTAGE Commercial/Industrial Hydronic Heating Boilers

(Standard Burner)

Dimensions

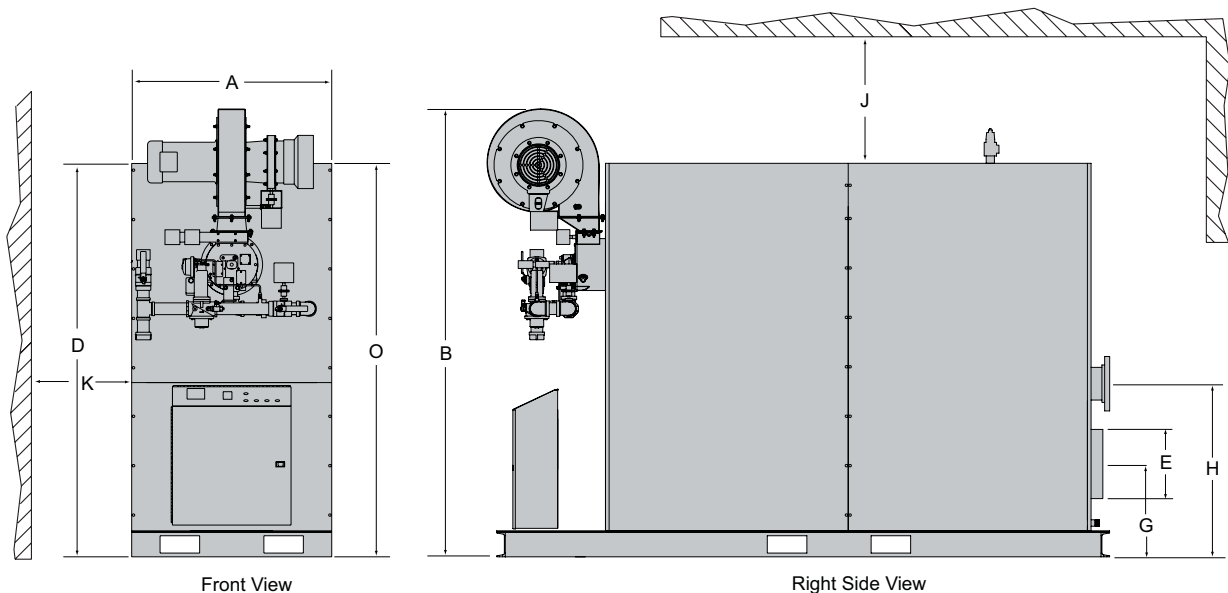
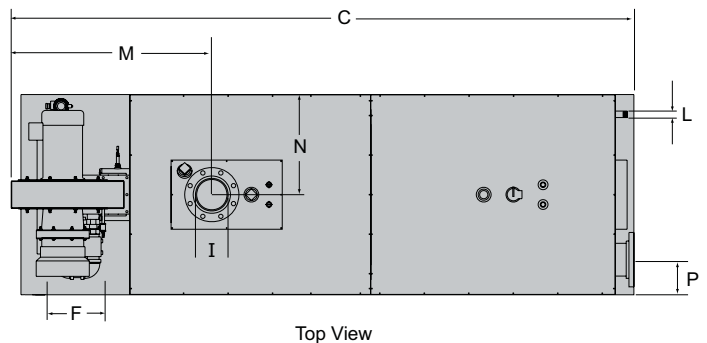
A. Boiler Width	IN	40.5
	MM	1029
B. Boiler Height w/ Blower	IN	87.6
	MM	2225
C. Boiler Depth w/ Blower	IN	126
	MM	3200
D. Boiler Height w/o Blower	IN	79.5
	MM	2019
E. Flue Outlet Diameter	IN	14
	MM	356
F. Air Inlet Diameter	IN	12
	MM	305
G. To Center of Flue Outlet	IN	18.75
	MM	476
H. To Center of Return Water Inlet	IN	35
	MM	889
I. Water Inlet/Outlet Diameter	IN	6
	MM	153
J. Min. Clearance to Ceiling	IN	24
	MM	610
K. Min. Clearance to either Side Wall (See Note 1)	IN	12
	MM	458
Min. Clearance to Front	IN	36
	MM	915
Min. Clearance to Rear	IN	24
	MM	610

L. Condensate Drain Diameter	IN	1
	MM	25.4
M. Water Outlet from Front of Skid	IN	38.9
	MM	988
N. Water Outlet from Side	IN	20.25
	MM	514
O. To Center of Air Inlet	IN	80
	MM	2032
P. Water Inlet from Side	IN	7.1
	MM	180

Specifications and Dimensions are approximate and for reference only.
We reserve the right to change specifications and/or dimensions.

NOTE:

1. Consult factory for 1" side clearance.



Specifications

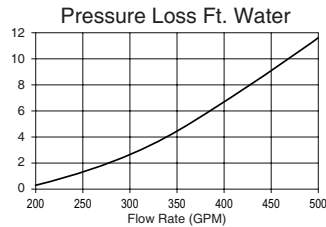
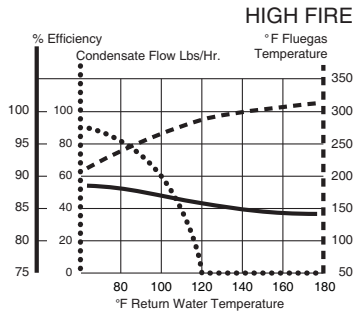
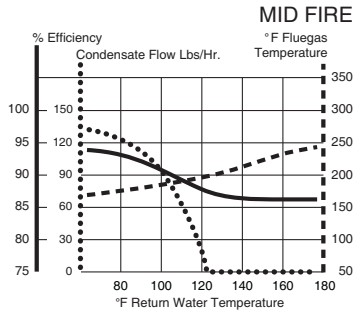
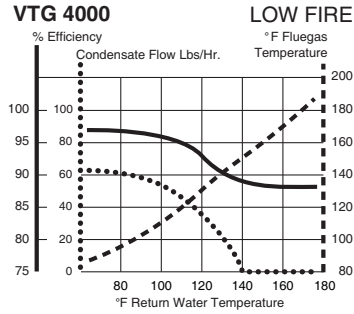
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Industrial/Commercial Division
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Model	VTG-4000	
Fuel	Nat. Gas See Note 1	
Input	BTU/Hr. KCAL/Hr.	4,000,000 1,007,986
Fuel Consumption @ rated capacity:		
Natural Gas	FT3/Hr. M3/Hr.	4000 113
Unit Size/Output	BHP KW	103 1027
Electrical Requirements	Amps 208V,60Hz,3 Phase 460V,60Hz,3 Phase	18.5 9.3
MAWP	PSI BAR	160 11.0
Water Content	Gal Liters	275 1041
Boiler Connection Sizes		
Safety Valve Inlet (Note 2)	IN MM	0.75 19
Safety Valve Outlet (Note 2)	IN MM	1 25.4
Water Inlet & Outlet	IN MM	6 152
Air Inlet	IN MM	12 305
Gas Inlet	IN MM	2 51
Exhaust Outlet	IN MM	14 356
Approximate Weights		
Dry Weight	LB KG	5,800 2,631
Shipping Weight	LB KG	6,300 2,858
Operating Weight	LB KG	8,100 3,674
Floor Loading	LB/FT2 KG/M2	232 1,133

NOTES:

1. The turndown ratio is 5:1.
2. Safety valve inlet and outlets sizes vary by trim pressure. Dimensions shown reflect 160 psig. Please consult factory for other trim pressures.



Air Intake Supply & Exhaust Vent Piping+

	No. of Feet of Standard Dia. Pipe	No. of 90° Elbows
Min. length air intake supply piping	0	0
Max. length air intake supply piping	35 (10.7m)	4
Min. length exhaust vent piping	0	0
Max. length exhaust vent piping	35 (10.7m)	4

+Screened Termination Couplings inapplicable. Air intake and vent sizes may vary based on the installation. Please contact Fulton for vent sizing assistance. Consult factory for longer air intake and exhaust run requirements.

Installation Notes

1. Natural Gas Pressure Required: 11" W.C., consult factory for lower gas pressure applications.
2. One condensate drain can be used for up to 3 boilers. The condensate drain requires a fresh water connection. The connection is a 1/4" compression fitting and the water pressure shall be less than 100 PSI.